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## Sriram Raghavan's Publications

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### Refereed Conference and Journal Publications

- **Complex queries over Web repositories**, with Hector Garcia-Molina. To appear in the Proceedings of the 27th International Conference on Very Large Databases (VLDB), September 2003. [ps] [pdf] [abstract]
- **Representing Web Graphs**, with Hector Garcia-Molina. Proceedings of the 19th IEEE International Data Engineering (ICDE03), pages 405-416, March 2003. [ps] [pdf] [abstract]
- **Integrating diverse information management systems: A brief survey**, with Hector Garcia-Molina. Engineering Bulletin, 24(4):44-52, December 2001. [ps] [pdf] [abstract]
- **Crawling the hidden Web**, with Hector Garcia-Molina. Proceedings of the 27th International Conference on Very Large Databases (VLDB), pages 129-138, September 2001. [ps] [pdf] [abstract]
- **Searching the Web**, with Arvind Arasu, Junghoo Cho, Hector Garcia-Molina, and Andreas Paepcke. Proceedings of the 1st International Conference on Internet Technology (TOIT), 1(1):2-43, August 2001. (Invited paper) [ps] [pdf] [abstract]
- **Building a distributed full-text index for the Web**, with Sergey Melnik, Beverly Yang, and Hector Garcia-Molina. ACM Transactions on Information Systems (TOIS), 3(19):217-241, July 2001. [ps] [pdf] [abstract]

Shorter version appeared in Proceedings of the 10th International World Wide Web Conference (WWW), pages 405-416, Hong Kong, May 2001. [ps] [pdf] [abstract]

- **WebBase : A repository of web pages**, with Jun Hirai, Andreas Paepcke, and Hector Garcia-Molina. Proceedings of the 9th International World Wide Web Conference (WWW9), pages 277-293, Amsterdam, May 2000. [html] [ps] [pdf] [abstract] (Also appeared in Computer Networks, 33(1):277-293)
- **An Integrated Scheme for Establishing Dependable Real-time Channels in Multihop Networks**, with C. Siva Ram Murthy. Proceedings of the International Conference on Computer Communications (ICCCN), October 1999. [ps] [pdf] [abstract]
- **A Rearrangeable Algorithm for the Construction of Delay-Constrained Dynamic Multicast Tree**, with G. Manimaran and C. Siva Ram Murthy. IEEE/ACM Transactions on Networking, 7(4):514-529, August 1999. [ps] [pdf] [abstract]

Shorter version appeared in Proceedings of IEEE INFOCOM, pages 1073-1080, March 1999. [ps] [pdf] [abstract]

- **Algorithms for Delay-Constrained Low-Cost Multicast Tree Construction**, with G. Manimaran and C. Siva Ram Murthy. Computer Communications, 21(18):1693-1706, December 1998. [ps] [pdf] [abstract]
- **Preferred Link Based Delay-Constrained Least Cost Routing in Wide Area Networks**, with G. Manimaran and C. Siva Ram Murthy. Proceedings of the 19th IEEE International Data Engineering (ICDE03), pages 405-416, March 2003. [ps] [pdf] [abstract]

Siva Ram Murthy. Computer Communications, 21(18):1655-1669, December 1998. [ps] [pdf] [abstrac

### Extended Technical Reports, Posters, and Magazine Articles

- **Optimizing complex Web queries**, with Hector Garcia-Molina. Under preparation.
- **Complex queries over Web repositories**, with Hector Garcia-Molina. Technical Report 2003-11, Database Group, Computer Science Department, Stanford University, February 2003. [pdf]
- **Representing Web Graphs**, with Hector Garcia-Molina. Technical Report 2002-30, Database Group, Computer Science Department, Stanford University, June 2002. [pdf]
- **Integrating diverse information management systems: A brief survey**, with Hector Garcia-Molina. Technical Report 2001-57, Database Group, Computer Science Department, Stanford University, January 2002. [pdf]
- **Crawling the Hidden Web**, with Hector Garcia-Molina. Poster presented at the 10th International World Wide Web Conference, Hong Kong, May 2001. [powerpoint slides] [poster proceedings: ps, pdf]
- **Crawling the Hidden Web**, with Hector Garcia-Molina. Technical Report 2000-36, Database Group, Computer Science Department, Stanford University, November 2000. [pdf]
- **Building a distributed full-text index for the Web**, with Sergey Melnik, Beverly Yang, and Hector Garcia-Molina. Technical Report 2000-55, Database Group, Computer Science Department, Stanford University, July 2000. [pdf]
- **Search Middleware and the Simple Digital Library Interoperability Protocol**, with Andreas Paepcke, Greg Brandiff, Greg Janee, Ray Larson, Bertram Ludascher, and Sergey Melnik. D-LIB Magazine, Volume 7, March 2000. [html] [pdf]
- **WebBase : A repository of web pages**, with Jun Hirai, Andreas Paepcke, and Hector Garcia-Molina. Technical Report 1999-26, Database Group, Computer Science Department, Stanford University, November 1999. [html]

### Theses

- **Delay-constrained Routing in Connection-oriented Networks**, Senior thesis, Indian Institute of Technology, 1998. [ps] [pdf] [abstract]

